



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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GAIL FARBER, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 09, 2010

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

29 FEBRUARY 9, 2010

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

Dear Supervisors:

**CHANGES IN WORK FOR VARIOUS PUBLIC WORKS CONTRACTS
CITIES OF EL SEGUNDO, HERMOSA BEACH, LAWDALE
MANHATTAN BEACH, REDONDO BEACH, AND TORRANCE AND
IN THE UNINCORPORATED COMMUNITIES OF CASTAIC AND MALIBU BOWL
(SUPERVISORIAL DISTRICTS 2, 3, 4, AND 5)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amounts for various public works construction contracts in the Cities of El Segundo, Hermosa Beach, Lawndale, Manhattan Beach, Redondo Beach, and Torrance and in the unincorporated communities of Castaic and Malibu Bowl.

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the changes and increased contract amounts for the following construction contracts:

- Project ID No. RDC0014704 - Interstate 5/Hasley Canyon Road Interchange, to reconstruct freeway interchange and relocate a waterline, in the unincorporated community of Castaic, being performed by Security Paving Company, Inc., for changes related to variations in bid quantities, remove existing steel piles, modify wood posts, install metal beam guardrail, replace damaged concrete paving, install additional guardrail, and additional grading, with an increase in the contract amount of \$126,072.93.
- Project ID No. RDC0014814 - Latigo Canyon Road at Mile Marker 7.76, to construct a retaining

wall and reconstruct the roadway, in the unincorporated community of Malibu Bowl, being performed by R.C.C., for changes related to variations in bid quantities and hydroseeding, with an increase in the contract amount of \$5,695.70.

- Project ID No. TSM0010171 - City of Torrance Intelligent Traffic Signal Project, to synchronize traffic signals, in the Cities of Lawndale, Redondo Beach, and Torrance, being performed by MSL Electric, Inc., for changes related to exploratory excavations, permits, and installing breakout cable, with an increase in the contract amount of \$35,438.95.
- Project ID No. WRDW000003 - West Coast Basin Barrier Project Telemetry System, Phase 1, to construct flexible plastic pipe for a telecommunications conduit for a future project, in the Cities of El Segundo, Hermosa Beach, Manhattan Beach, Redondo Beach, and Torrance, being performed by Steiny and Company, Inc., for changes related to additional electrical equipment, with an increase in the contract amount of \$90,346.60.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to obtain the County of Los Angeles Board of Supervisors' (Board) approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works (Director) or her designee has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your Board's ratification are changes in work that the Director ordered for Project ID No. RDC0014814.

Also, enclosed for your Board's authorization are changes in work in excess of the Director's delegated limits, which are required to complete Project ID Nos. RDC0014704, TSM0010171, and WRDW000003.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected community.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts range from an increase of \$5,695.70 to \$126,072.93.

Funding for these projects are as follows:

Project ID No. RDC0014704 is included in the Fifth Supervisorial District's Road Construction Program in Fiscal Year 2009-10 Road Fund Budget with reimbursement from Castaic Bridge and Major Thoroughfare Construction Fee District fees, Tesoro del Valle Project Regional Transportation

fees, Los Angeles County Metropolitan Transportation Authority's Call for Project grant funds, Newhall Land and Farming Company, and Caltrans.

Project ID No. RDC0014814 is included in the Third Supervisorial District's Road Construction Program in Fiscal Year 2009 10 Road Fund Budget. Also, the Department of Public Works is seeking reimbursement for the project cost under Federal and State disaster assistance programs.

Project ID No. TSM0010171 is included in the Second and Fourth Supervisorial Districts' Fiscal Year 2009-10 Proposition C Local Return Fund Budget.

Project ID No. WRDW000003 is included in the Fourth Supervisorial District's Fiscal Year 2009-10 Flood Control District Budget.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts, for the construction of public works improvements, was awarded by your Board to a responsible contractor with the lowest responsive bid in accordance with the State Public Contract Code, your Board's directives, and as recommended by the Director or her designee.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

The Honorable Board of Supervisors
2/9/2010
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Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER
Director

GF:JTS:ma

Enclosures

c: Chief Executive Office (Lari Sheehan)
County Counsel
Executive Office
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
February 9, 2010

PROJECT ID NO. RDC0014704 - INTERSTATE 5/HASLEY CANYON ROAD INTERCHANGE (in the unincorporated community of Castaic), Supervisorial District 5,
Contractor: Security Paving Company, Inc.

Project Description:

Reconstruction of a freeway interchange including drainage structures, retaining walls, bridges, on- and off-ramps, and roundabouts; relocation of a waterline; and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$14,760.00
(2) Remove Existing Steel Piles	9,000.00
(3) Modify Wood Posts for Metal Beam Guardrail	1,500.00
(4) Replace Existing Concrete Paving	28,000.00
(5) Construction Detour	18,026.93
(6) Revise Metal Beam Guardrail	41,986.00
(7) Southern California Edison Fee	2,000.00
(8) Additional Grading	<u>10,800.00</u>
Total	<u>\$126,072.93</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated quantities and actual quantities.

(2) Your Board previously approved a change in work to remove the interfering portion of existing piles at the Castaic Creek bridge abutment. The cost of this work will exceed the original estimate by the amount shown.

(3) Your Board previously approved a change in work to install modified wood posts for the metal beam guardrail in the center median of the Interstate 5 freeway in order to avoid an existing storm drain. The cost of this work will exceed the original estimate by the amount shown.

(4) Your Board previously approved a change in work to remove damaged sections of the existing concrete paving on the northbound and southbound Interstate 5 freeway in the vicinity of Castaic Creek bridge and replace them with new sections. The cost of this work will exceed the original estimate by the amount shown.

(5) Your Board previously approved a change in work to perform additional excavation, grading, and place additional asphalt concrete pavement at the Hasley Canyon Road northbound off ramp in order to install the stage 4 construction detour. The cost of this work will exceed the original estimate by the amount shown.

(6) It will be necessary to revise the metal beam guardrail along the east side of The Old Road and at the retaining wall on the east side of the Interstate 5 freeway at Hasley Canyon Road. The work is needed to avoid the existing curb and gutter. The work will require additional metal beam guardrail, wood posts, excavation, and traffic control.

(7) It will be necessary to reimburse the contractor for the Southern California Edison monthly fee for the street lighting and ramp metering on a monthly basis through the completion and acceptance of the project by Caltrans. This item was not stipulated in the contract.

(8) In order to install the traffic metering cabinet at the Interstate 5 southbound on ramp, it will be necessary to regrade the slope adjacent to this ramp.

The cost for Item 1 and a portion of the costs for Items 5 and 6 will be based on contract unit prices. The costs for Items 2 through 4 and Item 7 and the balance of the cost for Item 5 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The balance of the cost for Item 6 and the cost for Item 8 were negotiated as provided in Subsection 3-2 of the special provisions.

No additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Fifth Supervisorial District's Road Construction Program in Fiscal Year 2009-10 Road Fund Budget with reimbursement from Castaic Bridge and Major Thoroughfare Construction Fee District fees, Tesoro del Valle Project Regional Transportation fees, Los Angeles County Metropolitan Transportation Authority's Call for Project grant funds, Newhall Land and Farming Company, and Caltrans.

Revised Contract Amount:

Original contract amount	\$32,219,937.95
Changes in work previously approved by your Board	2,092,354.39
Changes in work to be authorized	<u>126,072.93</u>
Revised contract amount	<u>\$34,438,365.27</u>
Percent total change to original contract amount	6.9%

AD:en

CHANGE IN WORK (RATIFY)
February 9, 2010

PROJECT ID NO. RDC0014814 - LATIGO CANYON ROAD AT MILE MARKER 7.76
(in the unincorporated community of Malibu Bowl), Supervisorial District 3,
Contractor: R C C

Project Description:

Construction of a retaining wall, reconstruction of existing roadway pavement damaged during the 2005 storms, and the performance of other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$6,925.00
(2) Hyrdoseeding	<u>(1,229.30)</u>
Total	<u>\$5,695.70</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) To eliminate the need to disturb the very steep slope, the contractor requested to combine the hydroseeding with the installation of flexible growth material in a single application step. The change resulted in a credit to the contract.

The costs for Item 1 were based on contract unit prices. The cost for Item 2 was based on contract unit prices and negotiated as provided in Subsection 3-2 of the contract specifications.

Six additional working days were required because of these changes.

Financial Information:

This project is necessary as a result of damage caused by the rainstorms of January and February 2005. Public Works is seeking reimbursement for the project cost under Federal and State disaster assistance programs. Funding for these changes in work is included in the Third Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$308,000.00
Changes in work previously approved by your Board	15,703.17
Changes in work to be ratified	<u>5,695.70</u>
Revised contract amount	<u><u>\$329,398.87</u></u>
Percent total change to original contract amount	6.9%

TKB:ss

CHANGE IN WORK (AUTHORIZE)
February 9, 2010

PROJECT ID NO. TSM0010171 - CITY OF TORRANCE INTELLIGENT
TRANSPORTATION SYSTEM PROJECT (Cities of Lawndale, Redondo Beach, and
Torrance), Supervisorial Districts 2 and 4, Contractor: MSL Electric, Inc.

Project Description:

Synchronization of traffic signals in the Cities of Lawndale, Redondo Beach, and
Torrance.

Changes in Work:

(1)	Exploratory Excavations	\$20,800.00
(2)	Permit Fees	8235.35
(3)	Install Breakout Cables	<u>6,403.60</u>
	Total	<u>\$35,438.95</u>

Description of Changes:

(1) In order to avoid damaging utilities during construction, it will be necessary for the contractor to perform additional exploratory excavations to more accurately determine the location of these utilities. This work is not shown on the plans.

(2) It will be necessary to reimburse the contractor for necessary permit fees as required by the contract documents.

(3) It will be necessary for the contractor to install breakout cables at the intersection of Artesia Boulevard and Prairie Avenue and the intersection of 190th Street and Prairie Avenue to meet the intent of the design.

The costs for Items 1 and 3 will be negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 2 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Seventeen additional working days will be required because of these changes.

Financial Information:

This change in work is included in the Second and Fourth Supervisorial Districts' Fiscal Year 2009-10 Proposition C Local Return Fund Budget.

Revised Contract Amount:

Original contract amount	\$498,309.00
Changes in work previously approved by your Board	25,000.00
Changes in work to be authorized	<u>35,438.95</u>

Revised contract amount \$558,747.95

Percent total change to original contract amount 12.1%

KA:ma

CHANGE IN WORK (AUTHORIZE)
February 9, 2010

PROJECT ID NO. WRDW000003 - WEST COAST BASIN BARRIER PROJECT
TELEMETRY SYSTEM, PHASE 1 (Cities of El Segundo, Hermosa Beach, Manhattan
Beach, Redondo Beach, and Torrance), Supervisorial District 4,
Contractor: Steiny and Company, Inc.

Project Description:

Construction of flexible plastic pipe by trenching and directional drilling for a
telecommunication conduit for a future telemetry system.

Changes in Work:

(1) Reinforce Pullboxes with Concrete	\$ 8,000.00
(2) Relocate Pullboxes to Sidewalk	14,000.00
(3) Remove Additional Concrete	19,000.00
(4) Upgrade Pullboxes to Caltrans Standard	39,480.00
(5) Upgrade Conduits to Schedule 80	<u>9,866.60</u>
Total	<u>\$90,346.60</u>

Description of Changes:

- (1) The City of Hermosa Beach has requested that concrete be installed around the 50 pull boxes within their City.
- (2) The Cities of Hermosa Beach and Manhattan Beach requested the relocation of 21 pullboxes from the existing roadway to the sidewalk to minimize the noise caused by vehicles driving over the pullboxes.
- (3) It will be necessary to remove unanticipated concrete from each of the required 60 potholes to locate unmarked underground utilities along the boring and receiving pits between Prospect Avenue and 9th Street in the City of Hermosa Beach.
- (4) It will be necessary to upgrade 124 new pullboxes to Caltrans Standards as they will be located within high traffic areas.
- (5) It will be necessary to upgrade the Schedule 40 well casing conduits to Schedule 80 in order to match the existing conduits in the well casings.

The costs for Items 1 and 3 will be based on a time and materials basis as provided in Subsection 3-3 of the contract specifications. The cost for Items 2, 4, and 5 will be negotiated as provided in Subsection 3-2 of the contract specifications.

Fourteen additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Fourth Supervisorial District's Fiscal Year 2009-10 Flood Control District Budget.

Revised Contract Amount:

Original contract amount	\$2,623,506.00
Changes in work previously approved by your Board	30,000.00
Changes in work to be authorized	<u>90,346.60</u>
Revised contract amount	<u>\$2,743,852.60</u>
Percent total change to original contract amount	4.6%

JRP:ma